

Abstract

Abstract: A probe comprising support (12) of a gold wire and, fixed thereon, intermediate excited medium (18a) having been excited to an excited triplet state by supply of 5 external energy thereto, wherein transfer of excited triplet energy is effected from the intermediate excited medium toward a first molecule having a residue with bonding capability. The first molecule having thus been excited by the transfer of excited triplet energy is bonded with a 10 second molecule having a residue with bonding capability as a bonding target to be bonded with the first molecule.